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APPLICATION NO).	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/774,773	10/774,773 02/09/2004		David M. Fried	BUR920010120US2 (15040A)		
24241	7590	01/03/2006		EXAM	EXAMINER	
		TRONICS ROPERTY LAW	LUU, CHI	LUU, CHUONG A		
	ER STREE		ART UNIT	PAPER NUMBER		
972 E			2818	2818		
ESSEX JU	INCTION,	VT 05452	DATE MAILED: 01/03/2006			

Please find below and/or attached an Office communication concerning this application or proceeding.

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Suppl.	Application No.	Applicant(s)				
Notice of Allowability	10/774,773 Examiner	FRIED ET AL. Art Unit				
	Chuong A. Luu	2818				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiat of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.						
1. This communication is responsive to <u>07/01/2005</u> .						
2. ☑ The allowed claim(s) is/are <u>11-16 and 18-22</u> .						
 3. Acknowledgment is made of a claim for foreign priority undaning a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONME. 	been received. been received in Application No uments have been received in this i	national stage applica				
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF						
 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. 						
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal Page 1. Notice of Informal Page 1. Notice Summary Paper No./Mail Dat 7. Examiner's Amendm 8. Examiner's Stateme 9. Other	(PTO-413), e nent/Comment				

DETAILED ACTION

Allowable Subject Matter

Claims 11-16 and 18-22 are allowed.

The following is an examiner's statement of reasons for allowance: The examiner has reviewed the prior art in light of applicant's claimed invention and finds that the combined claims define over the prior art. The cited prior art does not disclose or suggest a semiconductor device inter alia the limitations "... a doped region comprised of a concentration of dopant ions, present in said at least one vertically oriented semiconductor body that extends inward from said vertical surfaces, wherein said dopant ions are diffused into said semiconductor body to a predetermined depth that is dependent on the thickness of the semiconductor body and the concentration of the dopant îons; and contacts present on outer portions of said at least one vertically oriented semiconductor body, wherein said doping region and said contacts are of the same dopant type thereby providing a resistor in said at least one vertically oriented semiconductor body...."

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2818

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong A. Luu whose telephone number is (571) 272-1902. The examiner can normally be reached on M-F (6:15-2:45).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David C. Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chuong Anh Luu Patent Examiner December 23, 2005